

Converting Colors

YUV(93.6600, -17.5804,
38.8862)

Have a look what the booklet for
YUV(93.6600, -17.5804, 38.8862)
contains.

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Color

**YUV(93.6600, -17.5804,
38.8862)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4E3A
RGB	138, 78, 58
RGB Percent	54%, 31%, 23%
CMY	0.4588, 0.6941, 0.7725
CMYK	0.00, 0.43, 0.58, 0.46
HSL	15°, 41%, 38%
HSV	15°, 58%, 54%
XYZ	13.9693, 11.1575, 5.4203
YIQ	93.6600, 42.1800, 6.5000

Conversions

Conversions Part 2

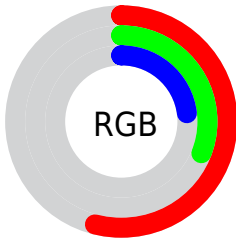
Format	Color
R_{YB}	138, 85, 58
Decimal	9063994
CIE Lab	39.84, 23.16, 22.71
CIE LCh	40, 32.434, 44.443
Yxy	11.1575, 0.4573, 0.3653
Android (android.graphics.Color)	4287254074 (0xFF8A4E3A)
YUV	93.6600, -17.5804, 38.8862
Hunter-Lab	33.4029, 16.1949, 13.7609

Details

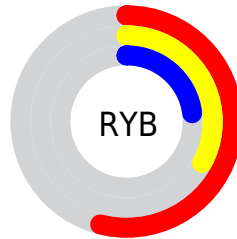
The YUV color **93.6600, -17.5804, 38.8862** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102.3400, 17.5804, -38.8862**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1120, -19.7752, 42.8748**, and **45.6100, -15.0907, 33.6680** is the 20% darker color. If you saturate the color by 10%, you get **86.1940, -20.8016, 45.4339**, and if you desaturate by 10%, it is **101.1260, -14.3591, 32.3385**.

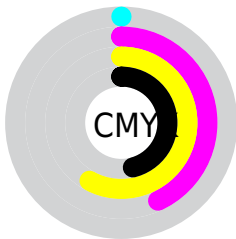
Distribution



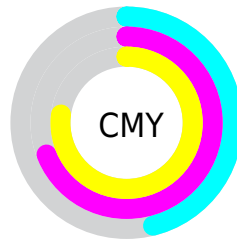
- Red (54%)
- Green (31%)
- Blue (23%)



- Red (54%)
- Yellow (33%)
- Blue (23%)



- Cyan (0%)
- Magenta (43%)
- Yellow (58%)
- Black (46%)



- Cyan (46%)
- Magenta (69%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.6600, -17.5804, 38.8862 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 93.6600, -17.5804, 38.8862 by changing the saturation by 10% instead.

■ 93.6600, -17.5804,
38.8862

■ 93.6600, -17.5804,
38.8862

■ 255.0000, 0.0000,
0.0000

■ 68.9910, -16.2646,
36.8419

■ 145.1120,
-19.7752, 42.8748

■ 45.6100, -15.0907,
33.6680

■ 172.0090,
-20.2174, 44.7191

■ 22.9240, -11.3015,
31.6387

■ 199.7920,
-21.0965, 46.6634

■ 10.8780, -4.8699,
22.0320

■ 219.9040,
-17.7007, 30.7792

■ 0.0000, 0.0000,
0.0000

■ 239.5320,
-13.5733, 13.5654

■ 253.2900, -6.5520,

1.4997

■ 93.6600, -17.5804,
38.8862

■ 93.6600, -17.5804,
38.8862

■ 86.1940, -20.8016,
45.4339

■ 101.1260,
-14.3591, 32.3385

■ 78.1410, -23.7335,
52.4963

■ 109.1790,
-11.4272, 25.2760

■ 70.7890, -26.5180,
58.9440

■ 116.5310, -8.6428,
18.8283

■ 63.3230, -29.7392,
65.4917

■ 123.9970, -5.4215,
12.2806

■ 61.8070, -30.4709,
66.8213

■ 132.0500, -2.4897,
5.2181

■ 139.5160, 0.7316,
-1.3295

■ 146.9820, 3.9529,
-7.8772

■ 154.9210, 6.4479,
-14.8397

■ 162.3870, 9.6692,
-21.3874

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6680, -6.2453, 43.2642



93.6600, -17.5804, 38.8862



92.6230, -24.9571, 24.8866

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.6600, -17.5804, 38.8862



78.4040, 0.2938, -47.7123



92.3610, 25.9510, -16.9796

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93.6600, -17.5804, 38.8862



102.3400, 17.5804, -38.8862

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7030, 33.6704, -66.3915



93.6600, -17.5804, 38.8862



74.8930, 15.3358, -65.6812

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.6600, -17.5804, 38.8862



87.0630, -15.8071, -16.7183



77.0420, 26.1083, -67.5658



96.6700, 17.4177, 13.4444

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.6600, -17.5804, 38.8862



91.3180, -25.7928, 12.8761



77.0420, 26.1083, -67.5658



88.8540, 28.1730, -29.6900

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



93.6600, -17.5804, 38.8862



161.9650, -6.8847, 14.9397



88.7600, 14.4153, 43.1835



79.3170, -4.1003, 8.4920



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6600, -17.5804, 38.8862



109.5720, -27.3970, 60.8884



117.1400, -29.1560, 18.2942



65.2670, -1.6106, 3.2738



59.1380, -29.1550, 64.7770



2.0820, -1.0264, 2.5591

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



102.3400, 17.5804, -38.8862



122.8410, 27.6864, -60.3736



78.8600, 29.1560, -18.2942



65.7330, 1.6106, -3.2738



73.2750, 29.4444, -64.2622



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 93.6600, -17.5804, 38.8862 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 93.6600, -17.5804, 38.8862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.6600, -17.5804, 38.8862

Background



This preview shows how black text looks on a background with the YUV color 93.6600, -17.5804, 38.8862.



This preview shows how white text looks on a background with the YUV color 93.6600, -17.5804,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

93.6600, -17.5804, 38.8862

Protanopia

92.9720, -14.2832, 7.9176

Deuteranopia

93.5990, -18.5363, 18.7687



Tritanopia

95.0050, -7.3975, 39.4606

Trichromacy



Original Color

93.6600, -17.5804, 38.8862

Protanomaly

93.1090, -15.3367, 19.1984

Deuteranomaly

93.7570, -18.1212, 25.6461

Tritanomaly

94.3810, -11.0338, 39.1309

Monochromacy



Original Color

93.6600, -17.5804, 38.8862

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7800, -6.3005, 14.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6600, -17.5804, 38.8862 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(138, 78, 58)` looks like.

```
.text, #text, p{  
    color:rgb(138, 78, 58)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 78, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 78, 58) }
```

Border

The CSS property to change the border of an element to YUV 93.6600, -17.5804, 38.8862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 78, 58) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(138, 78, 58) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(138, 78, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 78, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 78, 58);  
box-shadow:4px 4px 4px 4px rgb(138, 78,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 93.6600, -17.5804, 38.8862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 78, 58) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138, 78,  
58) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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